

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects - SUMMARY
Fiscal Years 2009/10 through 2016/17

Project Budget	Prior Funding	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriations										
Molly's Backbone/Monbo Road/Long Island Roads Water	0	0	695,000	0	1,600,000	0	0	1,600,000	0	3,895,000
Southeastern Catawba County (SECC) Water Improvements	251,435	0	0	0	0	0	0	0	1,300,000	1,551,435
Hickory-Catawba Wastewater Treatment Plant Expansion	0	4,000,000	0	0	0	0	0	0	0	4,000,000
Southeastern Catawba County (SECC) Wastewater Service	304,498	0	0	0	0	0	0	0	0	304,498
Highway 150 Sewer		9,660,000	0	0	0	0	0	0	0	9,660,000
Stormwater Layers - Flyover	930	99,000	0	0	0	0	0	0	0	99,930
Blackburn Elementary Sewer Extension	0	580,000	0	0	0	0	0	0	0	580,000
Heatherbrook Subdivision Water	0	325,000	0	0	0	0	0	0	0	325,000
Highway 16 North Water	0	0	0	370,000	0	0	0	0	0	370,000
Riverbend Road Water Phase I, II & III	0	0	657,000	0	0	0	0	840,000	730,000	2,227,000
Rock Barn Road/Oxford School Road Water Loop	0	0	0	445,000	0	0	0	0	0	445,000
Smyre Farm Road Water	0	0	0	0	0	0	0	0	1,700,000	1,700,000
Bandys/Mill Creek Sewer	0	0	0	0	300,000	300,000	4,000,000	0	0	4,600,000
Blackburn-Plateau Water Loop	0	3,600,000	0	0	0	0	0	0	0	3,600,000
Farmfield Acres Water	0	0	0	0	230,000	0	0	0	0	230,000
Mt. View Elementary Sewer I & II	0	0	0	0	3,000,000	3,000,000	0	0	0	6,000,000
Oxford Park/Rockett Terrace Water	0	0	0	0	465,000	0	0	0	0	465,000
Springs Road Water	0	0	0	0	0	470,000	0	0	0	470,000
Biosolids Management Facility	516,389	0	0	0	275,000	275,000	275,000	275,000	275,000	1,891,389
Eco Complex and Resource Recovery Facility	0	300,000	300,000	300,000	0	0	0	0	0	900,000
EPA Stormwater Phase II	100,000	25,000	25,000	25,000	0	0	0	0	0	175,000
National Pollutant Discharge Elimination System (NPDES) Testing	0	12,000	12,000	12,000	13,000	13,000	13,000	14,000	14,000	103,000
Sludge Compost Facility	682,707	350,000	350,000	350,000	350,000	0	0	0	0	2,082,707
	1,855,959	18,951,000	2,039,000	1,502,000	6,233,000	4,058,000	4,288,000	2,729,000	4,019,000	45,674,959
Revenue/Funding Source										
Water & Sewer Fund	1,855,959	18,951,000	2,039,000	1,502,000	6,233,000	4,058,000	4,288,000	2,729,000	4,019,000	45,674,959
	1,855,959	18,951,000	2,039,000	1,502,000	6,233,000	4,058,000	4,288,000	2,729,000	4,019,000	45,674,959

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Molly's Backbone/Monbo/Long Island Roads Water (21027)
Project Service Area Southeastern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project was initially started from citizen requests in the area and has now become important in the overall plan of providing water and sewer services to the SECC area. As sewer service is provided in the area it is also important to provide municipal water service as well.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	695,000	0	1,600,000	0	0	1,600,000	0	3,895,000
	0	695,000	0	1,600,000	0	0	1,600,000	0	3,895,000
Revenue/Funding Source									
Water & Sewer Fund	0	695,000	0	1,600,000	0	0	1,600,000	0	3,895,000
	0	695,000	0	1,600,000	0	0	1,600,000	0	3,895,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name	Southeastern Catawba County (SECC) Water Improvements (20101)
Project Service Area	Southeastern Catawba County
Project Department	Water & Sewer Fund

Project Description/Justification

Various water line improvements and extensions within the SECC water service area to enhance the provision of municipal water service in conjunction with the installation of municipal sewer service.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	0	0	0	0	1,300,000	1,300,000
	0	0	0	0	0	0	0	1,300,000	1,300,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	0	0	0	0	1,300,000	1,300,000
	0	0	0	0	0	0	0	1,300,000	1,300,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund .

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Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name	Southeastern Catawba County (SECC) Wastewater Collecton System (21023)
Project Service Area	Southeastern Catawba County
Project Department	Water & Sewer Fund

Project Description/Justification

The SECC Wastewater Collectiion System project will provide a safe and economical means of wastewater disposal and treatment for Sherrills Ford Elementary School, area property owners, and future economic development. This project benefits all citizens of Catawba County. It is being developed in two sections: northern and southern. The northern section begins at Sherrills Ford Elementary School on Sherrills Ford Rd and extends northerly to the existing Hickory-Catawba Wastewater Treatment Plant. \$7 million was borrowed for the northern section. Debt service payments are \$520,415 annually. The southern section begins at Sherrills Ford Elementary School and extends southerly to Highway 150, then westerly along Highway 150 to the new Highway 16 and 150 interchange. The southern section is estimated at \$9.2 million, which will be borrowed.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line. Debt services payments will be made from the tax dollars entering the Fund.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Highway 150 Sewer (SECC WW Southern Section) (21031)
Project Service Area Southeastern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

The SECC Wastewater Collection System project will provide a safe and economical means of wastewater disposal and treatment for Sherrills Ford Elementary School, area property owners, and future economic development. This project benefits all citizens of Catawba County. It is being developed in two sections: northern and southern. The northern section begins at Sherrills Ford Elementary School on Sherrills Ford Rd and extends northerly to the existing Hickory-Catawba Wastewater Treatment Plant. \$7 million was borrowed for the northern section. Debt service payments are \$520,415 annually. The southern section begins at Sherrills Ford Elementary School and extends southerly to Highway 150, then westerly along Highway 150 to the new Highway 16 and 150 interchange. The southern section is estimated at \$9.66 million, which will be borrowed.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	9,660,000	0	0	0	0	0	0	0	9,660,000
	9,660,000	0	0	0	0	0	0	0	9,660,000
Revenue/Funding Source									
Water & Sewer Fund	9,660,000	0	0	0	0	0	0	0	9,660,000
	9,660,000	0	0	0	0	0	0	0	9,660,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line. Debt services payments will be made from the tax dollars entering the Fund.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Blackburn Elementary School Sewer Extension (22015)
Project Service Area Highway 10 West and Hickory-Lincolnton Highway
Project Department Water & Sewer Fund

Project Description/Justification

This project will provide municipal sewer service by extending a sewer line from the existing line located at the intersection of Highway 10 and Hickory-Lincolnton Highway. It will serve Blackburn Elementary School and other properties along the route.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	580,000	0	0	0	0	0	0	0	580,000
	580,000	0	0	0	0	0	0	0	580,000
Revenue/Funding Source									
Water & Sewer Fund	580,000	0	0	0	0	0	0	0	580,000
	580,000	0	0	0	0	0	0	0	580,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name	Heatherbrook Subdivision Water (21030)
Project Service Area	Highway 10 and Hickory-Lincolnton Highway
Project Department	Water & Sewer Fund

Project Description/Justification

This project provides water to the Heatherbrook Subdivision off of NC Highway 10 West. This project was initiated by a petition from the residents of the subdivision. This project will provide water service to 44 residential lots.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	325,000	0	0	0	0	0	0	0	325,000
	325,000	0	0	0	0	0	0	0	325,000
Revenue/Funding Source									
Water & Sewer Fund	325,000	0	0	0	0	0	0	0	325,000
	325,000	0	0	0	0	0	0	0	325,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Highway 16 North Water
Project Service Area Northern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project will be constructed in conjunction with the Riverbend Road water line in providing a looped system to the northeastern portion of the County.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	370,000	0	0	0	0	0	370,000
	0	0	370,000	0	0	0	0	0	370,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	370,000	0	0	0	0	0	370,000
	0	0	370,000	0	0	0	0	0	370,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Riverbend Road Water I, II & III
Project Service Area Northern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

The three phases of this project will provide municipal water service along Riverbend Rd and the northeastern portion of the County. This water line also provides some redundant supply looping and will be part of a water supply loop that includes the northern reaches of NC Highway 16.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	657,000	0	0	0	0	840,000	730,000	2,227,000
	0	657,000	0	0	0	0	840,000	730,000	2,227,000
Revenue/Funding Source									
Water & Sewer Fund	0	657,000	0	0	0	0	840,000	730,000	2,227,000
	0	657,000	0	0	0	0	840,000	730,000	2,227,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Rock Barn Road/Oxford School Road Water Loop (26001)
Project Service Area Northern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project was initiated through a citizen petition in 2002. Staff sought CDBG grant funds for this project in 2004 but was unsuccessful in getting the project to qualify. The 2004 grant surveying identified 24 out of 65 households that were either experiencing problems with their wells or were on shared wells. This project will not only provide potable water to an area that has petitioned the County for water service due to a diminishing water table and resulting problems with drinking water wells but will also provide a valuable water supply loop to the City of Conover water distribution system.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation		0	445,000	0	0	0	0	0	445,000
	0	0	445,000	0	0	0	0	0	445,000
Revenue/Funding Source									
Water & Sewer Fund		0	445,000	0	0	0	0	0	445,000
	0	0	445,000	0	0	0	0	0	445,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Smyre Farm Road Water
Project Service Area Southern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project was initiated by the City of Newton in order to provide a looped system serving portions of NC Highway 16 south of Newton.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	0	0	0	0	1,700,000	1,700,000
	0	0	0	0	0	0	0	1,700,000	1,700,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	0	0	0	0	1,700,000	1,700,000
	0	0	0	0	0	0	0	1,700,000	1,700,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name	Bandys/Mill Creek Sewer
Project Service Area	Southeastern Catawba County
Project Department	Water & Sewer Fund

Project Description/Justification

This project will connect Bandy's High School and Mill Creek Middle School to the Southeastern Catawba County (SECC) Sewer System and will remove existing National Pollutant Discharge Elimination System (NPDES) discharges associated with these schools.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	300,000	300,000	4,000,000	0	0	4,600,000
	0	0	0	300,000	300,000	4,000,000	0	0	4,600,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	300,000	300,000	4,000,000	0	0	4,600,000
	0	0	0	300,000	300,000	4,000,000	0	0	4,600,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Blackburn-Plateau Water Supply Loop
Project Service Area Southwestern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project was separated into two phases in the Capital Improvement Plan; a Blackburn Bridge Road project and a Wilfong Road project, scheduled for 2012 and 2013, respectively. This combined project will provide municipal water to the proposed Propst Cross Road Fire Department, municipal water along the western and southern boundaries of the Blackburn Landfill, municipal water and fire protection to a proposed economic development project, the expansion of Catawba Valley Mills Manufacturing Facility (Ashfar Enterprises, Inc.), and municipal water and fire protection to a proposed economic development project at the intersection of Startown Road and US Highway 321. The project will also provide a necessary supply loop to future businesses, and a secondary water supply loop to the Town of Maiden and the Southeast Catawba County Water Supply System, in the event of a problem with the City of Hickory water supply main on Startown Road. \$180,600 was expended during FY2008/09 for the design of the project. Staff is accelerating the design of this project to be fully prepared for an expected Federal stimulus package. Based on the stimulus package requirements, this project represents the ideal infrastructure project due to its blend of economic development, job creation, environmental improvements, and drinking water provisions and fire protection.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	3,600,000	0	0	0	0	0	0	0	3,600,000
	3,600,000	0	0	0	0	0	0	0	3,600,000
Revenue/Funding Source									
Water & Sewer Fund	3,600,000	0	0	0	0	0	0	0	3,600,000
	3,600,000	0	0	0	0	0	0	0	3,600,000

This project is financed primarily through Federal stimulus money. \$1,500,000 is in the form of a grant and another \$1,500,000 is in the form of a 0% loan with a repayment schedule of 20 years. The debt service payments and remaining cost of construction will be paid for from ad valorem and sales dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with residents or business tapping into the service line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Farmfield Acres Water
Project Service Area Northern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project was initiated through a citizen petition and will provide municipal water service to 56 existing lots and 46 acres of potential residential development.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	230,000	0	0	0	0	230,000
	0	0	0	230,000	0	0	0	0	230,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	230,000	0	0	0	0	230,000
	0	0	0	230,000	0	0	0	0	230,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Mt View Elementary School Sewer
Project Service Area Mountain View Area
Project Department Water & Sewer Fund

Project Description/Justification

This project will provide waste water service to Mt View Elementary School and the surrounding area. The Preliminary Engineering Report (PER) is being performed in Spring 2009.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0		3,000,000	3,000,000	0	0	0	6,000,000
	0	0	0	3,000,000	3,000,000	0	0	0	6,000,000
Revenue/Funding Source									
Water & Sewer Fund	0	0		3,000,000	3,000,000	0	0	0	6,000,000
	0	0	0	3,000,000	3,000,000	0	0	0	6,000,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Oxford Park/Rockett Terrace Water
Project Service Area Northern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project will provide municipal water service to approximately 60 residential lots.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	465,000	0	0	0	0	465,000
	0	0	0	465,000	0	0	0	0	465,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	465,000	0	0	0	0	465,000
	0	0	0	465,000	0	0	0	0	465,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Springs Road Water
Project Service Area Northern Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

This project will provide a looped water system in the northern portion of the County by connecting water lines from St. Peter's Church Road to NC Highway 16 and will provide municipal water service along lower Springs Road.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	0	470,000	0	0	0	470,000
	0	0	0	0	470,000	0	0	0	470,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	0	470,000	0	0	0	470,000
	0	0	0	0	470,000	0	0	0	470,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any capital fees associated with customers tapping into the line.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name	Biosolids Management Facility
Project Service Area	Catawba County
Project Department	Water & Sewer Fund

Project Description/Justification

This project is the operations, maintenance and capital expenses for the Biosolids Management Facility, when the Sludge Composting Facility is closed.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	0	0	0	275,000	275,000	275,000	275,000	275,000	1,375,000
	0	0	0	275,000	275,000	275,000	275,000	275,000	1,375,000
Revenue/Funding Source									
Water & Sewer Fund	0	0	0	275,000	275,000	275,000	275,000	275,000	1,375,000
	0	0	0	275,000	275,000	275,000	275,000	275,000	1,375,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any domestic hauler fees.

Project Name	EcoComplex and Resource Recovery Facility (20104)
Project Service Area	Catawba County
Project Department	Water & Sewer Fund

The goal of this project is to develop a multi-component system, which includes a Regional Biosolids facility that will recover all useable products and by-products from a group of private and public partners who are located in a close knit defined area, the EcoComplex. This group of partners will work together to use each other's waste products either as a source of energy (electricity, steam, or heat) or as a raw material for the production of their own product (pallets, lumber, compost, brick shapes/art). These shared relationships bring the old saying of "one man's trash is another man's treasure" into real life. In addition to these shared relationships, the EcoComplex is also focused on making and using "green" energy and on the economic development of Catawba County. Since the project's dynamics crosses boundaries relating to water and sewer and solid waste management funding is shared between the two funds.

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CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name EPA Stormwater Phase II (20017)
Project Service Area Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

The State approved the Stormwater Phase II Regulations to take effect July 1, 2007. Funds are needed for the development and implementation of a local program to comply with State and Federal mandates.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	25,000	25,000	25,000	0	0	0	0	0	75,000
	25,000	25,000	25,000	0	0	0	0	0	75,000
Revenue/Funding Source									
Water & Sewer Fund	25,000	25,000	25,000	0	0	0	0	0	75,000
	25,000	25,000	25,000	0	0	0	0	0	75,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name	National Pollutant Discharge Elimination System(NPDES) Testing (20003)
Project Service Area	Catawba County
Project Department	Water & Sewer Fund

Project Description/Justification

Each year, the County samples seven NPDES locations along Lake Norman to ensure water protection. This is an ongoing project to ensure the safety of the water on Lake Norman and establishes a consistent water quality baseline.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	12,000	12,000	12,000	13,000	13,000	13,000	14,000	14,000	103,000
	12,000	12,000	12,000	13,000	13,000	13,000	14,000	14,000	103,000
Revenue/Funding Source									
Water & Sewer Fund	12,000	12,000	12,000	13,000	13,000	13,000	14,000	14,000	103,000
	12,000	12,000	12,000	13,000	13,000	13,000	14,000	14,000	103,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund.

CAPITAL IMPROVEMENT PLAN
Water & Sewer Projects
Fiscal Years 2009/10 through 2016/17

Project Name Sludge Composting Facility (20002)
Project Service Area Catawba County
Project Department Water & Sewer Fund

Project Description/Justification

Catawba County owns 18.5% of the Sludge Composting Facility, and this project represents the County's anticipated share of the debt service, maintenance, and operational costs of the facility, and engineering assessment of the existing equipment to evaluate the feasibility of usage in the EcoComplex and Regional Biosolids Processing Facility. This project will close as the Biosolids Management Facility.

Project Budget	Fiscal Year 2009/10	Fiscal Year 2010/11	Fiscal Year 2011/12	Fiscal Year 2012/13	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Appropriation	350,000	350,000	350,000	350,000	0	0	0	0	1,400,000
	350,000	350,000	350,000	350,000	0	0	0	0	1,400,000
Revenue/Funding Source									
Water & Sewer Fund	350,000	350,000	350,000	350,000	0	0	0	0	1,400,000
	350,000	350,000	350,000	350,000	0	0	0	0	1,400,000

Financing for this project will be derived primarily from ad valorem and sales tax dollars dedicated to the Water & Sewer Fund as well as any domestic hauler fees.

[illegible]